

From: Cynthia Caporale/ESC/R3/USEPA/US
Sent: 1/6/2012 9:38:17 AM
To: David Neleigh/R6/USEPA/US@EPA
CC: mcmillin.rick@epa.gov
Subject: Re: Lab Support Needs for R3 Project - Alcohols

Thanks David! Jennie, our lead on LC/MS/MS, is out today so maybe we can set something up on Monday. Are you 3 hours behind us? Maybe we can arrange a call around 3EST??

Cynthia Caporale, Chief
OASQA Laboratory Branch
U.S. EPA Region III
Environmental Science Center
Fort Meade, MD
(410) 305-2732
Fax: (410) 305-3095

From: David Neleigh/R6/USEPA/US
To: Cynthia Caporale/ESC/R3/USEPA/US@EPA
Cc: mcmillin.rick@epa.gov
Date: 01/06/2012 09:23 AM
Subject: Re: Lab Support Needs for R3 Project - Alcohols

We can do it. We can talk next week or you can call today.

David Neleigh
Director, Region 6 Laboratory
(281) 983-2209
(281) 983-2124 fax
(281) 415-6818 cell

From: Cynthia Caporale/ESC/R3/USEPA/US
To: Ernest Waterman/R1/USEPA/US@EPA, John Bourbon/R2/USEPA/US@EPA, Gary Bennett/R4/USEPA/US@EPA, Dennis Wesolowski/R5/USEPA/US@EPA, George Schupp/R5/USEPA/US@EPA, David Neleigh/R6/USEPA/US@EPA, Mark Burkhardt/R8/USEPA/US@EPA, Michael Davis/R7/USEPA/US@EPA, Brenda Bettencourt/R9/USEPA/US@EPA, Richard Bauer/R9/USEPA/US@EPA, Barry Pepich/R10/USEPA/US@EPA
Cc: Chris Zawlocki/DC/USEPA/US@EPA, Cynthia Metzger/ESC/R3/USEPA/US@EPA, Fred Foreman/ESC/R3/USEPA/US@EPA, Stevie Wilding/ESC/R3/USEPA/US
Date: 01/06/2012 07:58 AM
Subject: Lab Support Needs for R3 Project - Alcohols

Happy New Year, Everyone!

Before the holidays I sent out a request for lab support to address the analytical gaps associated with a R3 Project on Marcellus Shale issues. The project is currently on-hold; however, work is still underway to line up lab support. To avoid potential conflict of interest with commercial laboratories, the goal is to complete the analysis within EPA, as much as possible.

I would like to thank Region 9 and Region 2 for offering support towards this project. Region 9 has offered to accept samples for dissolved gases and GRO/DRO. Region 2 has offered to accept samples for the MBAS (methylene blue active substances).

There is a full suite of analysis (metals, VOAs, SVOCs, Anions, TP, N/N, TDS/TSS, glycols, alcohols, O&G) that our lab

has agreed to accept. NAREL has agreed to accept the radiological parameters.

An area where we would like some assistance is with the alcohols. We are planning to take these samples but it would be helpful to have a backup Region or share technical expertise. Two parameters that are not routine for us are ethylene glycol and 2-methoxyethanol - both of which are extremely important to this project. We are trying to add these to the LC/MS/MS glycol analysis to achieve lower detection limits; however, if that is unsuccessful then we need to run the routine methods. Currently we are evaluating several options with 8015, 8270, and 8430 (GC/FTIR).

ethylene glycol (8015M)

2-methoxyethanol (8015B)

I'm in the office all day today if you want to give me a call to discuss details.

Cindy

Cynthia Caporale, Chief
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U.S. EPA Region III
Environmental Science Center
Fort Meade, MD
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Fax: (410) 305-3095